MONTHLY BULLETIN

OF

THE OBSERVATORY

AMERICAN UNIVERSITY OF BEIRUT

BEIRUT, SYRIA

LAT. 33° 54' 22" N.

LONG. E. FROM GREENWICH 35° 28' 10"

MAY, 1937

J. A. BROWN, DIRECTOR

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MAY 1937

METEOROLOGICAL REGISTER

Date	Barometer reduced to oC Sea level and 45 Latitude 700 mm. + ...				Thermometer Cent.					
	8:30	14:30	20:30	Mean	Max.	Min.	8:30	14:30	20:30	Mean
1	60.8	59.1	59.6	59.8	27.2	19.1	22.3	26.3	24.2	24.3
2	58.0	7.6	6.2	7.3	31.8	19.6	26.9	27.3	24.3	26.2
3	9.2	9.5	9.7	9.5	25.4	17.8	22.6	24.6	19.8	22.3
4	60.1	8.6	9.5	9.4	25.3	18.6	21.8	24.3	19.7	21.9
5	57.4	7.3	8.7	7.8	27.4	19.4	24.6	25.7	20.5	23.6
6	55.8	55.4	55.5	55.6	25.7	19.7	23.1	23.5	20.6	22.4
7	9.8	9.7	60.5	60.0	23.7	16.2	20.9	22.7	19.2	20.9
8	61.0	60.8	0.9	0.9	24.8	17.2	22.4	23.7	20.3	22.1
9	59.8	59.3	59.5	59.5	24.7	14.1	21.7	23.9	18.9	21.5
10	60.0	60.1	60.2	60.1	23.7	14.7	18.1	22.5	17.4	19.3
11	61.2	61.2	61.3	61.2	24.1	15.4	20.9	23.2	18.1	20.7
12	1.3	1.1	1.2	1.2	24.7	15.6	21.0	23.1	18.3	20.8
13	1.2	0.3	0.5	0.7	24.9	16.3	21.2	24.1	18.2	21.2
14	0.0	59.7	59.9	59.9	25.2	17.2	20.9	24.0	18.5	21.1
15	0.5	8.6	7.6	8.9	25.2	20.0	21.9	23.6	20.9	22.1
16	57.5	58.5	59.2	58.4	24.8	17.2	23.1	22.4	19.0	21.5
17	60.0	9.8	9.5	9.8	26.7	16.7	22.8	25.4	20.2	22.8
18	59.1	7.6	8.4	8.4	22.9	17.2	17.2	22.2	19.1	19.5
19	9.7	60.6	61.2	60.5	25.0	17.3	22.5	23.8	20.9	22.4
20	61.7	1.1	1.1	1.3	25.4	17.6	22.2	24.6	19.9	22.2
21	60.4	60.1	60.0	60.2	25.3	17.6	22.6	24.6	19.7	22.3
22	0.3	59.7	59.9	0.0	26.7	18.1	22.1	25.7	19.8	22.5
23	0.6	60.7	60.9	0.7	26.2	18.5	23.3	25.1	20.2	22.9
24	2.2	2.5	2.7	2.5	26.9	19.1	23.7	25.9	21.4	23.7
25	3.0	3.5	2.5	3.0	27.2	19.7	23.8	26.5	20.8	23.7
26	62.4	61.8	61.8	62.0	27.6	19.2	23.7	26.7	20.4	23.6
27	1.4	0.2	0.7	0.8	28.0	20.1	24.1	26.3	21.5	24.0
28	0.0	59.8	59.7	59.8	29.9	22.3	25.9	28.7	23.1	25.9
29	59.8	9.7	60.7	60.1	31.4	21.1	27.2	30.6	23.9	27.2
30	61.1	61.3	1.0	1.1	28.5	19.9	25.3	27.4	22.1	24.9
31	1.5	1.0	1.5	1.3	28.0	20.2	25.3	27.4	21.8	24.8
	760.22	759.88	760.05	760.05	26.27	19.87	22.10	25.03	19.76	23.05

Barometer, range for month 755.4 mm.–763.5 mm.

„ 50-yr. average for month 759.624 mm.

Thermometer, range for month 14.1° C.—31.8° C.

„ 50-yr. average for month 22.19° C.

Rain, total for month 37.241 mm.

„ , 50-yr. average for month 20.83 mm.

„ , total, Sept. 1st to end of month 820.987 mm.

„ 50-yr. average, Sept. 1st to end of month 902.73 mm

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METEOROLOGICAL REGISTER

Date	Wet Bulb Cent.			Elasticity of Vapor mm.				Relative Moisture per cent.				Sun. hrs.	Rain mm.
	8:30	14:30	20:30	8:30	14:30	20:30	Mean	8:30	14:30	20:30	Mean		
1	18.2	20.4	19.7	12.5	13.9	14.0	13.5	63	54	62	60	9.9	
2	21.5	20.9	18.8	14.9	14.0	12.6	13.8	56	52	55	54	6.6	
3	19.6	20.1	17.9	14.6	14.3	13.8	14.2	73	63	80	72	11.6	
4	18.7	20.1	18.4	13.9	14.5	14.8	14.4	71	65	86	74	4.0	
5	19.9	18.1	18.2	14.1	11.1	13.9	13.0	62	46	77	62	7.9	
6	20.3	19.9	19.4	15.7	14.8	15.7	15.4	75	69	87	77	1.3	
7	18.3	19.4	16.3	13.8	14.4	11.9	13.4	75	71	72	73	2.5	
8	19.9	17.7	17.2	15.5	11.5	12.5	13.2	78	53	70	67	10.7	
9	17.4	18.1	16.2	13.1	11.9	11.9	12.0	63	54	73	63	8.7	
10	17.1	17.1	14.2	13.8	11.3	10.2	11.8	89	54	69	71	8.6	6.380
11	15.9	17.1	14.2	10.5	10.9	9.8	10.4	57	51	63	57	10.4	
12	15.9	16.8	15.0	10.5	10.6	10.6	10.6	57	50	68	58	11.9	
13	16.5	18.4	16.2	11.1	12.1	12.4	11.9	60	54	80	65	12.8	
14	17.6	18.7	16.1	12.7	12.6	12.0	12.4	69	56	76	67	12.1	
15	17.6	19.6	19.3	12.0	14.1	15.4	13.8	61	65	83	70	9.9	
16	20.7	19.0	17.7	16.4	14.0	14.2	14.9	78	69	87	78	0.6	
17	19.8	20.7	18.7	15.0	14.8	15.0	14.9	72	61	85	73	12.1	
18	16.9	19.7	17.9	14.0	15.2	14.4	14.5	95	76	87	86	1.1	30.861
19	19.2	19.8	17.4	14.2	14.3	12.5	13.7	70	65	68	68	11.6	
20	18.7	20.3	18.3	13.7	14.6	14.5	14.3	68	64	84	72	10.7	
21	19.6	20.2	18.3	14.7	14.6	14.7	14.7	73	64	85	74	11.8	
22	19.1	20.6	18.2	14.4	14.5	14.4	14.4	72	58	84	71	12.2	
23	20.1	20.8	18.3	15.1	15.2	14.3	14.9	71	64	81	72	10.4	
24	20.9	21.5	20.1	16.3	15.8	16.5	16.2	75	64	86	75	12.7	
25	20.8	22.0	19.6	16.1	16.2	15.9	16.1	74	62	87	74	10.4	
26	20.3	22.3	19.2	15.3	16.7	15.6	15.9	70	64	88	74	8.5	
27	20.7	21.3	20.3	15.7	16.1	16.7	16.2	70	63	87	73	11.6	
28	21.4	23.3	21.8	15.7	17.1	18.3	17.0	62	58	87	69	11.7	
29	22.6	23.8	21.8	16.8	16.9	17.8	17.2	62	52	81	65	11.5	
30	21.7	22.0	20.1	16.5	15.7	15.9	16.0	69	51	81	69	10.9	
31	21.1	21.8	18.9	15.8	15.3	14.2	15.1	69	56	73	66	11.3	
				14.40	14.16	14.08	14.25	69.64	59.94	81.71	69.32	9.29	1.201

Height of Barometer above sea level: 33.7 meters.
„ „ Thermometers above ground:
Dry and wet 1.55 m.: Max. 1.75 m.; Min. 1.70 m.
Rim of Rain Gauge: above ground 0.56 m.; above sea level 30.31 m.
Time of readings minus 2 hours equals G. C. T.
50-year averages are for period, 1875-1924

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METEOROLOGICAL REGISTER

	Clouds Clear—0 Overcast—10				Direction and force of wind 0—10			Wind per day	Sea	Notes
	8:30	14:30	20:30	Mean	8:30	14:30	20:30	Kms.		
1	0	7ci	0	2.3	1sw	1ne	0	90.1	calm	
2	10ci	10ci	0	6.7	0	1sw	4sw	250.5	„	
3	0	0	0	0.0	3sw	3s	4s	730.1	mod.	
4	9cicu	10ci	3ci	7.3	2s	3s	1s	435.8	„	
5	10ci	10ci	0	6.7	1se	1s	0	240.1	slight	
6	10cicu	10ci	8ci	9.3	3n	0	0	125.5	mod.	
7	10nicu	10ci	6cu	8.7	3s	2s	2s	340.6	slight	
8	7cu	4cu	6cu	5.7	2sw	3s	1s	248.0	mod.	
9	7cu	3cu	7cu	5.7	1s	3s	1s	222.7	slight	[a.m.
10	10ni	5cu	4cu	6.3	1s	3s	0	154.4	mod.	gale thunderstorm
11	9cicu	7cicu	0	5.3	2s	1s	1s	113.4	„	
12	1cu	2cu	4cu	2.3	1s	2s	0	73.7	calm	
13	3cicu	0	6stcu	3.0	2s	2se	0	114.5	„	
14	5cu	3cu	1cu	3.0	1s	1s	0	94.3	„	
15	2ci	10ci	10ci	7.3	2n	4n	2s	571.9	rough	
16	10cicu	10stcu	4st	8.0	2s	1w	0	117.5	calm	
17	0	10ci	10ci	6.7	3w	2s	0	115.1	„	
18	10ni	10cu	3cu	7.7	0	0	0	68.6	mod.	thunder a.m.
19	4cu	5cu	4cu	4.3	0	2s	1s	244.8	slight	
20	2cu	4cu	4cu	3.3	2e	2s	0	110.2	mod.	
21	7cu	4cu	7cu	6.0	2s	3s	0	86.4	calm	
22	9cu	5cu	1cu	5.0	1s	0	0	69.4	„	
23	3cu	3cu	2cu	2.7	1se	2sw	0	120.2	slight	
24	1cu	0	4cu	1.7	1n	2s	0	120.7	„	
25	4cu	4cu	0	2.7	2s	1s	0	73.7	„	mist a.m.
26	10cu	4cu	1cu	5.0	1s	0	0	80.4	„	„ „
27	3cu	0	0	1.0	1se	1s	0	65.9	calm	
28	0	0	0	0.0	2se	0	0	105.2	„	
29	0	0	0	0.0	0	0	0	71.3	„	
30	2cu	4cu	3cu	3.0	1s	1s	0	174.8	mod.	
31	9cu	0	1cu	3.3	1s	2s	1s	261.7	„	
				4.52	1.5	1.6	0.6	183.6		

45 55 17

Number of Daily Wind Observations

Time	N	NE	E	SE	S	SW	W	NW	Calm	Total
8:30	3	0	1	4	15	3	1	0	4	31
14:30	1	1	0	1	19	2	1	0	6	31
20:30	0	0	0	0	9	1	0	0	21	31
Totals	4	1	1	5	43	6	2	0	31	93

Number of days with rain 2, fog 0, thunderstorm 2, gale 1.

50-yr. average number of days with rain during month 3.2